APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890025-1

[Aleksandrov, G. P. and Levchenko, T. F.]
DETERMINATION OF IODINE AND BROMINE IN OIL-WELL WATER BY THE METHOD OF DIFFERENTIAL TITRATION [Opredelenie Ioda i Broma v Vurovykh Metodom Diferentsirovannogo Titrovaniya]. [1963] 17p. 16 refs.
Order from OTS or SLA $1.60 63-14097

Trans. of Ukrainskii Khimicheskii Zhurnal (USSR) 1950 [v. 16, no. 6] pp. 599-611.

DESCRIPTORS: *Iodine, *Bromine, Volumetric analysis, Petroleum, Water, Mixtures, Solutions.

There was verified an iodimetric method for the determination of the bromine in standard solutions as well as in petroleum waters, in doing which it has been found, among other things, that the presence of sodium chloride has no influence on the precision of
(Chemistry--Analytical, TT, v. 10, no. 7) (over)

63-14097

I. Aleksandrov, G. P.
II. Levchenko, T. F.

Office of Technical Services

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890025-1

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890025-1

Dashevskaya, B. I. and Levitskaya, I. B.
TRANSFORMATIONS IN THE TEREPHTHALIC ACID SERIES. [1962] 4p. 7 refs.
Order from OTS or SLA $1.10 62-16232

Trans. of Ukrainskii Khimicheskii Zhurnal (USSR) 1950, v. 16, p. 616-619.

DESCRIPTORS: Transformations, *Phthalic acids, Benzenes, Acetates, Acetic acids, Amides.

Two alternate syntheses of the diacetate of 1, 4-diglycolybenzene are realized. (Author)

(Chemistry--Organic, TT, v. 8, no. 6)

62-16232

I. Dashevskaya, B. I.
II. Levitskaya, I. B.

Office of Techaical Services

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890025-1

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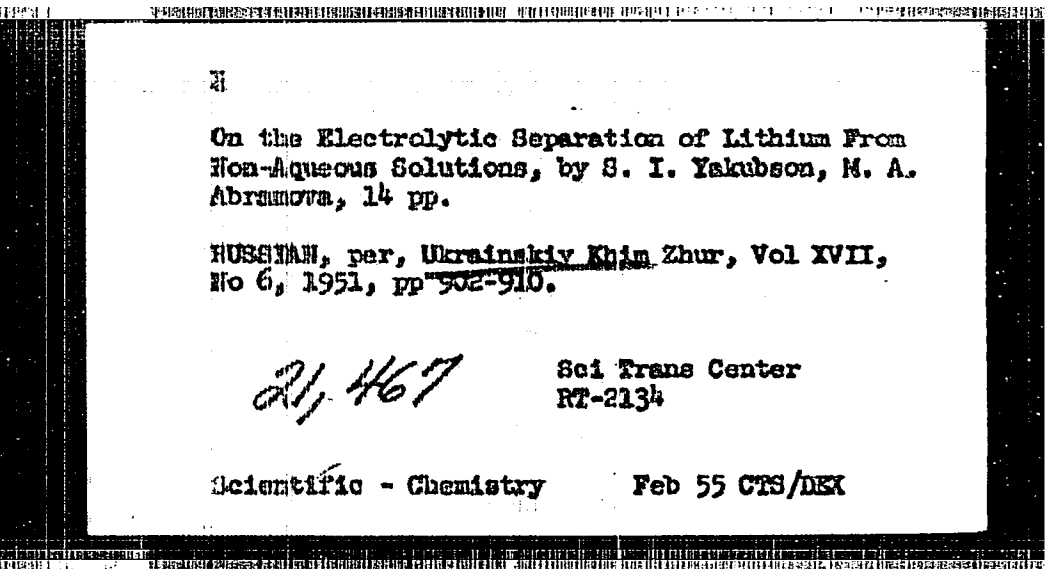

II

On the Electrolytic Separation of Lithium From Non-Aqueous Solutions, by S. I. Yakubson, M. A. Abramova, 14 pp.

RUSSIAN, per, Ukrainskiy Khim Zhur, Vol XVII, No 6, 1951, pp 902-910.

21,467 Sci Trans Center RT-2134

Scientific - Chemistry Feb 55 CTS/DEK

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890025-1

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890025-1

Colour of Organic Compounds and the So-Called Theory of Resonance, by A. I. Kipryanov.

UKRAINIAN, per, Ukrain Khim Zhur, Vol XVIII, 1952, pp 339-346.

DSIR LLU M.1961
(loan)

Sci - Chem

Oct 60

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APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890025-1

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890025-1

Study of the Thermal Decomposition of Formates of the Series From Manganese to Copper, by V. P. Kornienko,

RUSSIAN, per, Ukrainskiy Khim Zhur, Vol XVIII, No 6, 1952, pp 579-588.

23,145

Brutcher Tr No 3397
$8.50

Scientific - Min/Metals

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APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890025-1

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890025-1

Kornienko, V. P.
THERMAL DECOMPOSITION OF FORMATES OF THE MANGANESE-COPPER RANGE. 16p. 15 refs.
MTWL: 929.
Order from OTS or ETC $1.85 61-17579

Trans. of Ukrainskii Khimicheskii Zhurnal (USSR) 1952, v. 18, no. 6, p. 579-588.

DESCRIPTORS: *Formates, Manganese compounds, Copper compounds, *Pyrolysis, Iron compounds, Nickel compounds, Cobalt compounds.

61-17579

I. Kornienko, V. P.
II. MTWL-929
III. Stichting Moeilijk Toegankelijke Wetenschappelijke Literatuur

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APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890025-1

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890025-1

Kolotii, A. A.
ELECTROLYTIC ISOLATION OF METALLIC LITHIUM ON LIQUID LEAD CATHODE [Elektroliticheskoe Vydelenie Metallicheskogo Litiya na Zhidkom Svintsovom Katode]. [1963] 9p (figs omitted) 9refs
Order from OTS, SLA, or ETC $1.10 TT-64-14145

Trans. of Ukrainskii Khimicheskii Zhurnal (USSR) 1952, v. 18, no. 6, p. 667-671.
Another trans. is available from SLA as RT-2192, 11p

(Chemistry--Physical, TT, v. 11, no. 12)

TT-64-14145

I. Kolotii, A. A.
II. RT-2192

Office of Technical Services

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890025-1

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890025-1

Electrolytic Isolation of Metallic Lithium on Liquid Lead Cathode, by A. A. Kolotiy, 11 pp.

RUSSIAN, per, Ukrainskiy Khim Zhur, Vol XVIII, No 6, 1952, pp 667-671. CIA 90 33077-C Rus 541

Sci Tr Center
RT-2192

Scientific - Chemistry
CTS 70/Jul 55

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APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890025-1

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Reaction of Chlorine and Ammonia Under Conditions of Purification of Drinking Water by Chlorination, by L. A. Kaelskiy, O. K. Lebedintseva, 1 p.

RUSSIAN, per, Ukrain Khim Zhur, Vol XVIII, 1952, pp 673-682.

S.A.A. Tr R-701 AEC Tr 2378

Sci - Chemistry 32,469

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890025-1

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890025-1

Purification of Waste Water With Aluminum Sulfate as for the Removal of Emulsified Petroleum Products, by V. G. Perevalov

RUSSIAN, per, Ukrain Khim Zhur, Vol XIX, 1953, pp 223-229.

Assoc Tech Sv, RJ-136

Scientific - Chemistry Price $10.40
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Determination of the Beginning of Precipitation of Hydroxides of Metals by the Polarographic Method and Determination of the Solubility Products of Hydroxides of Titanium and Aluminum, by P. N. Kovalenko, V. N. Nestorovich, 13 pp.

RUSSIAN, per, Ukrain Khim Zhur, Vol XVIII, 1952, pp 635-640.

NOT RELEASABLE TO FOREIGN NATIONALS

CIA/FDD XX-331

53,339

Sci - Chem

Sep 57

IAC INTERNAL USE ONLY

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The Instability Constants of Thiourea Complexes of Copper, Silver and Mercury, by A. T. Pilipenko, G. S. Lisetskaya, 6 pp.

RUSSIAN, per, Ukrain Khim Zhur, Vol XIX, No 1, 1953, pp 81-85.

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USIB INTERNAL USE ONLY 216, 242

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890025-1

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890025-1

Markov, B. F. and Delimarskii, Yu. K.
ELECTROLYTIC DISSOCIATION OF FUSED SALTS.
[1963] 16p.
Order from K-H $16.00 K-H 3737 f

Trans. of Ukrainskii Khimicheskii Zhurnal (USSR) 1953, v. 19, p. 255-265.

DESCRIPTORS: *Electrolysis, *Dissociation, *Fused materials, Salts, Electrochemistry.

(Chemistry--Physical, TT, v. 10, no. 1)

63-17294

I. Markov, B. F.
II. Delimarskii, Yu. K.
III. K-H-3737-f
IV. Kresge-Hooker Science Library Associates, Detroit, Mich.

TT-64-16132

Office of Technical Services

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890025-1

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890025-1

Electrolytic Dissociation in Fused Salts, by
B. F. Melaux Markov, Yu. K. Delimarskiy. UKCL

UKRAINIAN, per, Ukrain Khim Zhur, Vol XIX,
No 3, 1953, pp 255-263.

RAR 256

Sci - Chem
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APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890025-1

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890025-1

Decomposition Potentials of the Systems NaF - ZrF_4 and NaF - ZrF_4 - ZrO_2, by Yu. K. Delimarskiy, A. A. Kolotiy, V. A. Lapa, 9 pp.

UKRAINIAN, per, Urkain Khim Zhur, Vol XIX, 1953, pp 372-376.

AEC Tr 2250

Scientific - Chemistry
CTS 73/Oct 1955

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Measurement of Anodic Solution Potentials of Sulphides, by N. Fortunatov, V. Mikhailovskaya. UKRANIUM, per, Ukr Khim Zh, Vol 16, No 6, 1950, pp 667-680.
CSIRO/No 9534

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July 69 386-866

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890025-1

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890025-1

Melting Diagram of the System $MgO-CaF_2$, by P. P. Budnikov, B. G. Trevoyatskiy, 10 pp.

UKRAINIAN, per, Ukrain Khim Zhur, Vol XIX, 1953, pp 550-555.

AEC Tr 3570

Sci - Chem

May 59

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APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890025-1

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890025-1

The Crystallization of 2,6-Dimethyl-naphthalene in Binary Systems with Homologs of Benzene, Naphthalene, and Biphenyl, by V. M. Kravchenko, I. S. Pastukhova, 9 pp.

UKRAINIAN, per. Ukrain'skiy Khim Zhur, Vol XIX, No 6, 1953, pp 610-617.

ATI-61163R
#TS/RJ-2595

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OTS, Vol III, No 12

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890025-1

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890025-1

The Influence of Atmospheric Oxygen on the Viscosity of Cuprammonium Solutions of Cotton Cellulose, by A. A. Morozov, Z. L. Zosim, 18 pp.

RUSSIAN, per, Ukrainskiy Khem Zhur, Vol XIX, No 6, 1953, pp 687-696.

Sci Mus Lib Tr 57/3674

Sci - Chemistry
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SLA R-2059

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890025-1

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890025-1

Dichlorofumaric Acid and Some of its Derivatives, by S. A. Shilov et al.

UKRAINIAN
[redacted], no per, Ukrain Khim Zhur, Vol XX, 1954, pp 35-38.

Assoc Tech Sv
RJ-351

Sci - Chemistry

$5.80 37,004

Aug 1956

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890025-1

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890025-1

Fyalkov, Ya. A. and Davidenko, N. K.
PHYSICOCHEMICAL ANALYSIS OF BINARY SALT SYSTEMS IN AQUEOUS SOLUTIONS. I. ELECTRO-CONDUCTIVITY OF SYSTEMS CONSISTING OF THE SULFATES OF POTASSIUM, SODIUM AND MAGNESIUM. [1963] 14p. (fkgs. omitted) 32 refs.
Order from OTS or SLA $1.60 63-16158

Trans. of Ukrain[skii] Khim[icheskii] Zhur[nal] (USSR) 1954, v. 20, p. 343-349.

DESCRIPTORS: Salts, *Potassium compounds, *Sodium compounds, *Magnesium compounds, *Sulfates, Solutions, Electrical conductance, *Electrochemistry, Chemical analysis.

Surveyed were the literature data and the theoretical bases of the problem of the application of the measurements of the electroconductivity as a method of physico-
(Chemistry--Analytical, TT, v. 10, no. 6) (over)

63-16158

I. Fyalkov, Ya. A.
II. Davidenko, N. K.
III. Title: Electroconductivity . . .

Office of Technical Services

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890025-1

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890025-1

Studies in the Chemistry of Cyanine Dyes. 7.
3, 3'-di-p-tolyl-6,6'Dimethylthiacyanines,
by I. K. Ushenko, 13 pp.

RUSSIAN, per, Ukrainskiy Khemicimii Zhurnal,
Vol XX, 1954, pp 384-391.

Sci Mus Lib - 56/0072

Sci - Chemistry

33,797

May 1956

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890025-1

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890025-1

Savinov, B. G. and Protesenko, L. D.
CHROMATOGRAPHIC INVESTIGATION OF CAROTIN PIGMENTS OF SQUASH, MOUNTAIN ASH, AND SEA BUCKTHORN. [1962] 18p.
Order from K-H $22.50 K-H 5027-b

Trans. of Ukrainskii Khim[icheskii] Zhurnal (USSR) 1954, v. 20, no. 4, p. 399-407.

DESCRIPTORS: *Chromatographic, Pigments, Analysis, *Carotene, *Plants, Ash, Carotenoids.

(Biological Sciences--Biochemistry, TT, v. 8, no. 9)

62-22703

I. Title: Squash
2. Title: Sea buckthorn
I. Savinov, B. G.
II. Protesenko, L. D.
III. K-H-5027-b
IV. Kresge-Hooker Science Library Associates, Detroit, Mich.

Office of Technical Services

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890025-1

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890025-1

The Use of Ion-Exchange in Hydrochemical Analysis, by M. V. Tovbin, F. G. Dyatlovitskaya
UNCL

RUSSIAN, per, Ukrain Khim Zhur, Vol XX, No 4, 1954, pp 434-437.

NCB A.1459/SEH

Sci - Chem
Jan 60

105,785

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890025-1

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890025-1

Behavior of the Glass Tin - Sodium Electrode in Various Molten Salts, by A. A. Kolotiy.

Ukrainian

~~Ukrainian~~, bimo per, Ukrain Khim Zhur, Vol XX, 1954, pp 502-507.

AEC Tr 2479

RT 4215 36, 265

Scientific - Chemistry; Min/Metals
Jul 56 CTB/dex

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890025-1

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Colorimetric Method of Determining Traces of Boron,
by L. M. Kulberg, T. I. Badeyeva.

RUSSIAN, per, Ukrainskii Khimicheskii Zhurnal,
Vol XX, No X 5, 1954, pp 555-563. CIA D 9010134

A.C.S.I.L. Tr 914

Sci - Chemistry
Jul 57

49, 887

SLA R-2080

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890025-1

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890025-1

Shkodin, A. M., Izmailov, N. A., and Dzyuba, N. P. PROPERTIES OF ACIDS AND BASES IN ACID SOLVENTS. VII. STUDY OF THE STRENGTH OF MINERAL ACIDS IN MONOCHLORO- AND TRICHLOROACETIC ACIDS. [1961] 8p.
Order from ATS $12.80 ATS-96N53R

Trans. of Ukrain[skii] Khim[icheskii] Zhur[nal] (USSR) 1954, v. 20, p. 595-601.

DESCRIPTORS: Acids, Organic solvents, Minerals, *Acetic acids, *Chlorides.

(Chemistry--Organic, TT, v. 7, no. 4)

61-25461

I. Shkodin, A. M.
II. Izmailov, N. A.
III. Dzyuba, N. P.
IV. ATS-96N53R
V. Title: Study ...
VI. Associated Technical Services, Inc., East Orange, N. J.

ATS/RT-3059

Office of Technical Services

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890025-1

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Additive Properties of Mixed Solutions of Salts, by G. I. Mikulin, 17 pp.

RUSSIAN, per, Ukrain Khim Zhur, Vol XX, 1954, pp 602-614.

SLA 60-17716

Sci

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OTS, Vol IV, No 3

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Diagrams of Phase Transformations of B. F. Markov, I. D. Panchenko, 6 p.

RUSSIAN, per, Ukrainskiy Khimicheskiy Zhurnal, 1954, Vol XX, pp 620-625.

SLA 59-20180

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Sci
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APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890025-1

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Correlation Between Electromotive Forces of Chemical Cells and Jacobi-Daniel Cells in Melts, by B. F. Markov, 10 pp.
RUSSIAN, per, Ukrain Khim Zhur, Vol XXI, No 1, 1955, pp 21-26.
K-H 5114 b
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APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890025-1

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The Stability of Supersaturated Solutions of Slightly Soluble Salts, by N. V. Tovbin, S. I. Krasnova, 8 pp.

RUSSIAN, per, Ukrain Khim Zhur, Vol XXI, 1955, pp 32-38.

SLA R-2816

Sci

Jul 59

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APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890025-1

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Azo Derivatives of Benzothiazoles, by A. I. Kiprianov, I. P. Fedorova, 10 pp.

RUSSIAN, per, Ukrainskiy Khimicheskiy Zhurnal, Vol XXI, No 1, 1955, pp 76-80.

Sci Trans Center RT 3561
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Jun 56 CTS

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890025-1

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Studies of Phase Equilibria of the System Naphthalene-β-Methylnaphthalene, by N. M. Karavayev, et al.

RUSSIAN, per, Ukrain Khim Zhur, Vol XXI, No 2, 1955, pp 176-181.

Assoc Tech Sv
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$6.90 ($1.70)

Sci - Chemistry
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Oxygen Depolarization on an Iron Prouous Electrode, by A. A. Edigarian, N. N. Voronin, 20 pp.

UKRAINIAN, per, Ukrain Khim Zhur, Vol XXI, 1955, pp 195-205.

AEC Tr 2489

Sci - Chemistry

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Jul 1956

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890025-1

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The Dark Reaction and Photochemical Reaction of the Decomposition of Water by the Complex Ion of Iron (3)-O-Phenanthroline, by T. S. Glikman, M. E. Podlinyaviova, 3 pp.

RUSSIAN, per, Ukrainskiy Khimicheskii Zhurnal, Vol XXI, No 2, 1955, pp 211-214. CIA 9009547

ACSIL Tr 928

54,908

Sci - Physics
Nov 57

JLA R-2024

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890025-1

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Kinetics of the Thermal Decomposition of Organic Peroxides, by E. K. Varfolomeyeva.

RUSSIAN, no per, Ukrain Khim Zhur, Vol XXI, No 2, 1955, pp 218-221.

Assoc Tech Sv
Tr RJ-582
$5.40

52,236

Sci - Chem
Sep 57

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890025-1

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890025-1

S-2716

RUSSIAN, per, Ukrain Khim Zhur, Vol XXI, 1955, pp 233-239.

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890025-1

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890025-1

Heat Capacity and Entropy of Sodium Succinate,
by I. I. Strelkov, V. E. Ganenko, A. V. Alapina,
8 pp.

UKRAINIAN, per, Ukrain Khim Zhur, Vol XXI, 1955,
pp 291-295.

AEC Tr 2718

Sci - Chem

Sep 58

93, 728

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890025-1

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890025-1

Delimarskii, Yu. K., Turov, P. P., and Gitman, E. B.
TRANSFERENCE NUMBERS IN MOLTEN LEAD HALIDES. 9p (2 figs omitted) 4refs
Order from OTS, SLA, or ETC $1.10 TT-64-16462

Trans. of Ukrainskii Khimicheskii Zhurnal (USSR) 1955, v. 21, no. 3, p. 314-317.

(Chemistry--Physical, TT, v. 12, no. 3)

TT-64-16462

I. Delimarskii, Yu. K.
II. Turov, P. P.
III. Gitman, E. B.

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APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890025-1

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Thermal Chlorination of Petroleum n-Octane and n-Nonane, by R.S.Galanina and A.S.Nekrasov. RUSSIAN,per, Ukrainskii Khim Zhur,1955, v. 21, pp. 331-334.
K-H-13077-c

Eng
Aug 66

307,679

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890025-1

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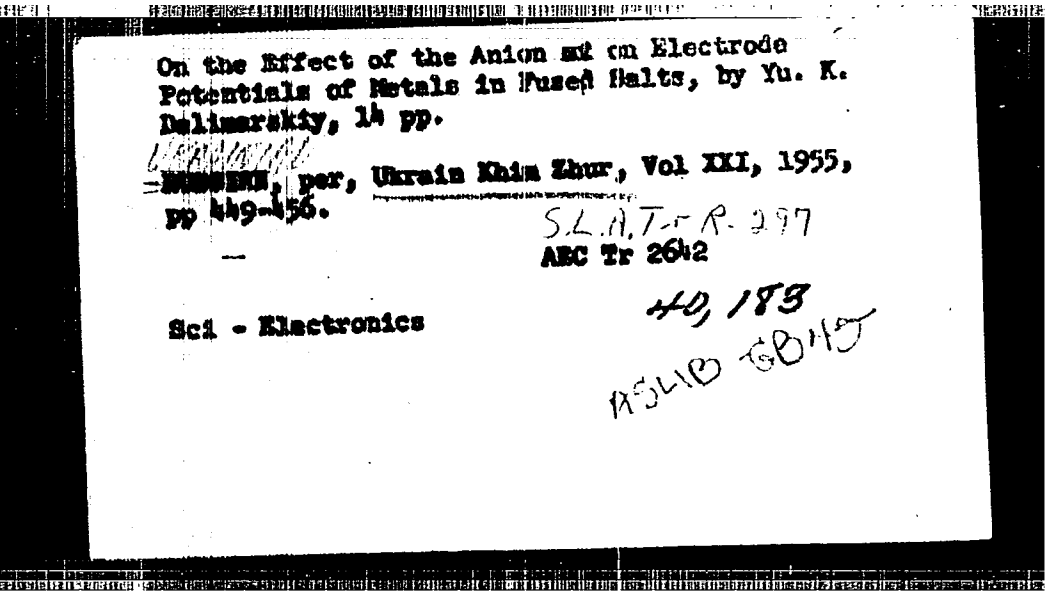

On the Effect of the Anion on Electrode Potentials of Metals in Fused Salts, by Yu. K. Delimarskiy, 14 pp.

[illegible], per, Ukrain Khim Zhur, Vol XXI, 1955, pp 449-456.

S.L.A.T.-R-297
ABC Tr 2642

Sci - Electronics

40, 183
RSLIB GBHS

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890025-1

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Polarographic Investigation of Molten Salts Based on Potassium Chloride, by I. D. Panchenko, 4 pp.

RUSSIAN, per, Ukrain Khim Zhur, Vol XXI, 1955, pp 468-471.

AEC Tr 2672

Sci - Chemistry
Jan 57 CFS

42,183

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890025-1

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TT-64-10518

Koganovskii, A. M. and Taran, P. N.
OXIDATION OF AQUEOUS SULFITE SOLUTIONS IN AERATION (Okislenie Vodnykh Rastvorov Sul'fita pri Aeratsii). [1963] [14p] (refs omitted)
Order from OTS, SLA, or ETC $1.60 TT-64-10518

Trans. of Ukrain[skii] Khim[icheskii] Zhurnal (USSR) 1955, v. 21 [no. 4] p. 472-479. (Abstract available)

DESCRIPTORS: *Wastes (Industrial), Dyes, *Sulfites, *Oxidation, Reaction kinetics, *Catalysts, *Manganese compounds, Dioxides, pH,

A study was made of the kinetics of the oxidation of dilute sulfite solutions on bubbling air through at pH 3-9 range both in the absence of foreign admixtures and in the presence of a number of substances characteristic of industrial discharge waters in the aniline dye industry (sulfite, thiosulfate, sodium tetrathionate, phenol,
(Chemistry--Inorganic, TT, v. 11, no. 9) (over)

I. Koganovskii, A. M.
II. Taran, P. N.

Office of Technical Services

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890025-1

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890025-1

CEA-tr-R-1453 Uncl.

LA CONDUCTIBILITÉ ÉLECTRIQUE DES OXYDES ET LEUR APTITUDE AU MOUILLAGE PAR DES MÉTAUX LIQUIDES. (The Electric Conductivity of Oxides and their Aptitude to Wetting by Liquid Metals). V. N. Eremenko and Yu. (W.) V. Naidich (Naiditch). Translated into French from Ukrain. Khim. Zhur., 23: 573-8(1957). 20p. (Includes original, 4p.).

Ceramics; Metallurgy; Translations MC-25

C-25 NP NSA Dep.(mc); $1.60(fs), $0.80(mf) JCL or OTS.

N-5

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890025-1

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Thermodynamic Functions of Nitrogen Dioxide, by V. P. Morotov, 2 pp.

RUSSIAN, per, Ukrain Khim Zhur, Vol XXI, No 5, 1955, pp 554, 555.

ATS-FWJ652

Sci

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APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890025-1

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Determination of Decomposition Potentials of Molten Fluorides of Alkaline and Alkaline Earth Metals, by Yu. K. Delimarskiy, F. F. Grigorenko, 17 pp. UKRAINIAN
[illegible], per, Ukrain Khim Zhur, Vol XXI, No 5, 1955, pp 561-568.

B-3,60 Assoc Tech Serv NJ-774
ASC Tr 2538

Sci - Chemistry
Aug 1956 CIM/dax

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APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890025-1

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The Theory of the Kolbe-Schmitt Synthesis. Pt. II. Importance of Disubstituted Salts in the Mechanism of Carboxylation, by E. A. Shilov, I. V. Smirnov-Zamkov, and K. I. Matkovskiy, 16 pp.

UKRAINIAN, per, Ukrain Khim Zhur (USSR), Vol XXI, [illegible] 1955, pp 600-613.

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Sci - Chem
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OTS, V. I, No 6

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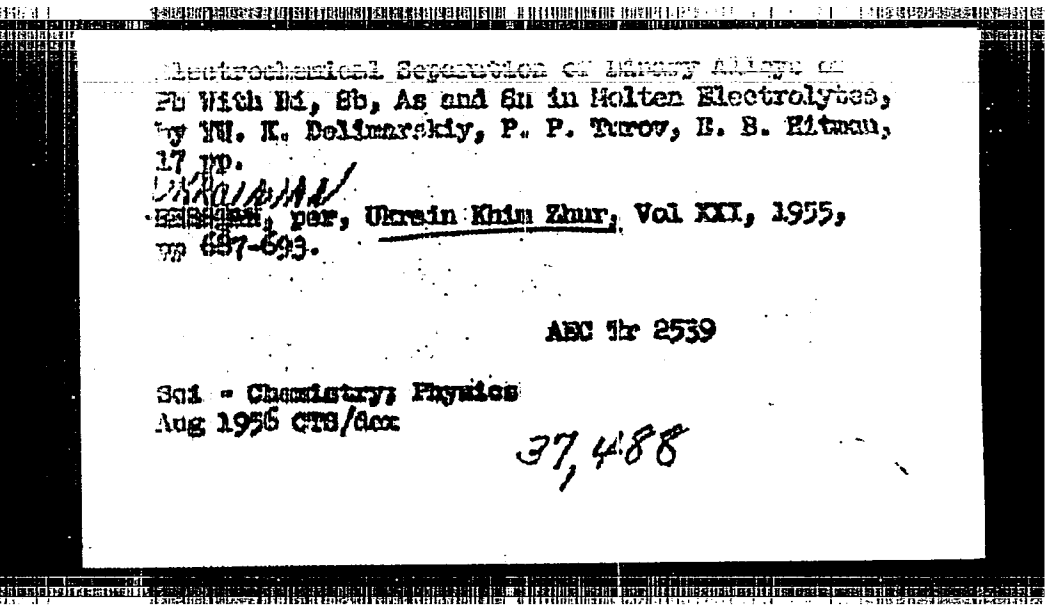

Electrochemical Separation of Binary Alloys of
Pb With Bi, Sb, As and Sn in Holten Electrolytes,
by M. K. Delimarskiy, P. P. Turov, B. B. Kitman,
17 pp.
[illegible], per, Ukrain Khim Zhur, Vol XXI, 1955,
pp 687-693.

ABC Tr 2539

Sci - Chemistry; Physics
Aug 1956 CTS/dcx

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Thermodynamic Properties of Solutions of Molten Salts, by B. F. Markov, 12 pp.

[redacted], per, Ukrain Khim Zhur, Vol XXI, 1955, pp 703-709.

AEC Tr 2643
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Sci - Physics

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Acyl Derivatives of 2-Aminomethylbenzthiazole, by A. I. Kiprianov, E. D. Smaznaya-Il'yna, G. G. Dyadyusha, 11 pp.

RUSSIAN, per, Ukrain Khim Zhur, Vol XXI, 1955, pp 726-731.

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Sci - Chemistry 42, 846

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890025-1

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S-116/60 (DC-3608).

On the Mechanics of Hydrogen Exchange in Solutions, by A. I. Shatenshteyn, 11 pp.

UKRAINIAN, per, Ukrain Khim Zhur, Vol XXII, No 1, 1956, pp 3-10.

JPRS 3332

Sci - Chem
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JPRS 2496

Sci - Chem
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On the Theory of Electronic Processes in Metal-Ammonia Solutions, by M. F. Deigen, Yu. A. Tsvirko. 41 pp.
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[illegible], per, Ukrain Khim Zhur, Vol I, 1956, pp 245-259.

AEC Tr-4260

Sci - Chem
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S-116/60 (DC-3608).

On the Kinetic Methods of Studying Hydrogen Exchange, by S. Z. Roginskiy, 14 pp.

UKRAINIAN, per, Ukrain Khim Zhur, Vol XXII, No 1, 1956, pp 24-33.

JPRS 3333

Sci - Chem
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The Process of Autoadsorption. Part I. The Surface Tension of Salt Solutions, by N. V. Tovbin, Z. L. Voevudskaya.

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Assoc Tech Sv Te
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Thiazolocarbocyanines With Aryl Radicals in the Thiazole Nuclei. 2. 5,5'- di- and 4,4'5,5'- tetraaryl Thiazolocarbocyanines, by E. D. Suich.

RUSSIAN, per, Ukrain Khim Zhur, Vol XXII, No 2, 1956, pp 217-222.

Sci Mus Lib Tr 56/4124
SLA-61-1334
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Sci - Chem
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APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890025-1

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890025-1

Gordon, B. Ye.
USE OF ADSORPTION POLAROGRAPHY IN QUALITY CONTROL (Primeneniye Adsorbsionnoy Polyarografii v Sortovom Analize). May 61 [18]p. 23 refs. RTS 1761. Order from OTS or SLA $1.60 61-19913

Trans. of Ukrainskiy Khimicheskiy Zhurnal (USSR) 1956, v. 22, no. 2, p. 239-245.

DESCRIPTORS: *Polarographic analysis, *Quality control, Adsorption, Anesthetics, Food.

Adsorption polarography is shown to be applicable to the problem of identifying the type or grade of a wide variety of products of the foodstuff flavoring and the pharmaceutical industries. In addition to the effect of surface-active materials on the polarographic maximum, use may also be made of the retardation of the electrode process which these materials exhibit. A method capable of giving easily reproducible adsorption polarograms, in phosphate solutions of copper, is described. (Author)

61-19913

I. Gordon, B. Ye.
II. RTS-1761
III. Department of Scientific and Industrial Research (Gt. Brit.)

27830

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(Chemistry--Physical, TT, v. 6, no. 3)

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890025-1

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Intermediate Stages of the Reactions in the Formation of Carbides of Titanium, Zirconium, Vanadium, Niobium and Tantalum, by G. V. Samsonov, 19 pp.

RUSSIAN, ppr, Ukrain Khim Zhur, Vol XXIII, 1956, pp 287-296.

AEC 3387

Sci - Chem

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Coordinated Utilization of Native Fuels of the Ukrainian SSR XVI. Composition of Tars Obtained From Low Rank Coals of the Ukrainian S. S. R. by Semi-Coking With Solid Heat Carriers, by V. I. Klimetov, A. A. Bobrova, 8 pp.

KHIMIYA, part, Ukrain Zhin Zhur (USSR), Vol XXIX, No 3, 1956, pp 405-408.

Asaco Tech Serv
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GRB, V I, No 6

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Photometric Determination of Small Quantities of Beryllium in Aluminum Alloys, by L. P. Adamovich, and B. V. Tutsis.

RUSSIAN, per, Ukrainskiy Khimicheskiy Zhurnal. Vol XXII, No 4, 1956, pp 523-526.

MF 198 187

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APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890025-1

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Synthesis and Properties of Dimercapto Derivatives of Alkylsulfonic Acids, I. Synthesis of Sodium 2, 3 Dimercaptopropyl-Sulfonate (Unithiol) and Sodium 2 Mercapto Ethyl Sulfonate, by V. E. Petrun'kin, 15 p.

RUSSIAN, per, Ukrainskiy Khim Zhur, 1956, Vol XXII, No 5, pp 603-607.

SLA 59-20155

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Sci
Feb 60 Vol 2, No 12

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890025-1

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Polarographic Determination of Riboflavin,
by G. P. Tikhomirova, et al. UKKL

UKRAINIAN,
[illegible], Zhur, Ukrainskiy Khim Zhur, Vol XXIII,
No 5, 1956, pp 687-690.

DSIR LLU RTS 1485

(10s.)

Sci - Phys
May 60

116, 614

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890025-1

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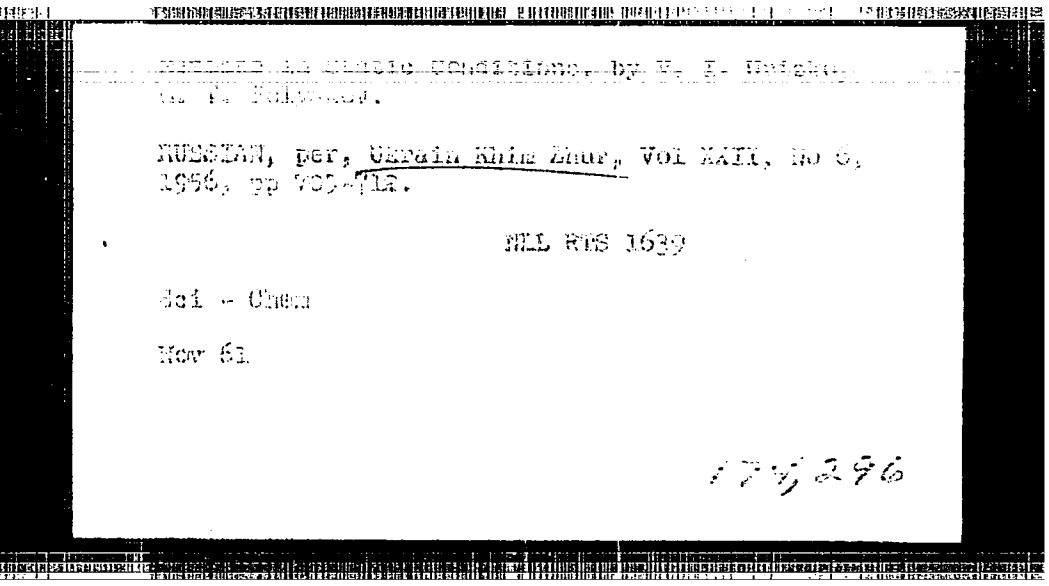

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RUSSIAN, per, Ukrain Khim Zhur, Vol XXII, No 6, 1956, pp 703-714.

MIL RES 1639

Gal - Chem

Nov 61

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Polarization Electromotive Forces in the Electrolysis of Fused Fluorides, by Yu. K. Delimarskiy, F. F. Grigorenko, UKCL

UKRAINIAN, per, Ukrainskiy Khim Zhur, Vol XXII, No 6, 1956, pp 726-730.

DSIR LLU RTS 1471
62-10044
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Sci - Chem

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APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890025-1

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Determination of Oxygen in Metals and Oxides by Means of Sulfurmonochloride. I. Determination of Oxygen in Aluminum, Copper and Iron Oxides, and in Barium Sulfate, by K. E. Kleiner, 5 pp.

RUSSIAN, per, Ukrain Khim Zhur, Vol XXII, No 6, 1956, pp 809-812.

Navy Lt 1946/TG-40

Assoc Tech Sv 14J15R

ATS/RT-732

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Sci - Chemistry, Min/Met

Oct 57

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Investigation of Methane HX Chlorination in Metal Chloride Melts, by V. T. Vdovichenko, Yu. N. P. Galenko, I. G. Sarishvili, 13 pp.

UKRAINIAN, per, Ukrain Khim Zhur:, Vol XXIII, 1957, pp 110-116.

SLA 60-1/312
OTS 63-26582
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Vol III, No 11

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890025-1

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Systems of Diphenylene Oxide With Bicyclic and Tricyclic Hydrocarbons and Carbazole, by V. M. Kravchenko, I. S. Pastukhova, 11 pp.

RUSSIAN, per. Ukrain Khim Zhur, Vol XXIII, No 2, 1957, pp 180-190.

ATS-62M38R
ATS/RJ-2602

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Apr 61

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OTS, Vol III, No 12

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890025-1

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The Kinetics and Mechanisms of Naphthalene Oxidation Over a Vanadium Oxide Catalyst. I. Investigation of the Influence of the Gas Phase Composition on the Chemical Composition of the Catalyst and Its Catalytic Activity, by V. P. Ushakova, et al.

RUSSIAN, per, Ukrain Khim Zhur, Vol XXIII, No 2, 1957, pp 191-199.

ATS RJ-1112

Sci - Chem
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Intermediate Stages in the Formation of Carbides of Titanium, Zirconium, Vanadium, Niobium, and Tantalum, by G. V. Samsonov.

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*AEC NP Tr. 800

Sci - Chemistry
Apr 58

see the file -
Obshchaya Neorganicheskaya i Fizicheskaya Khimiya

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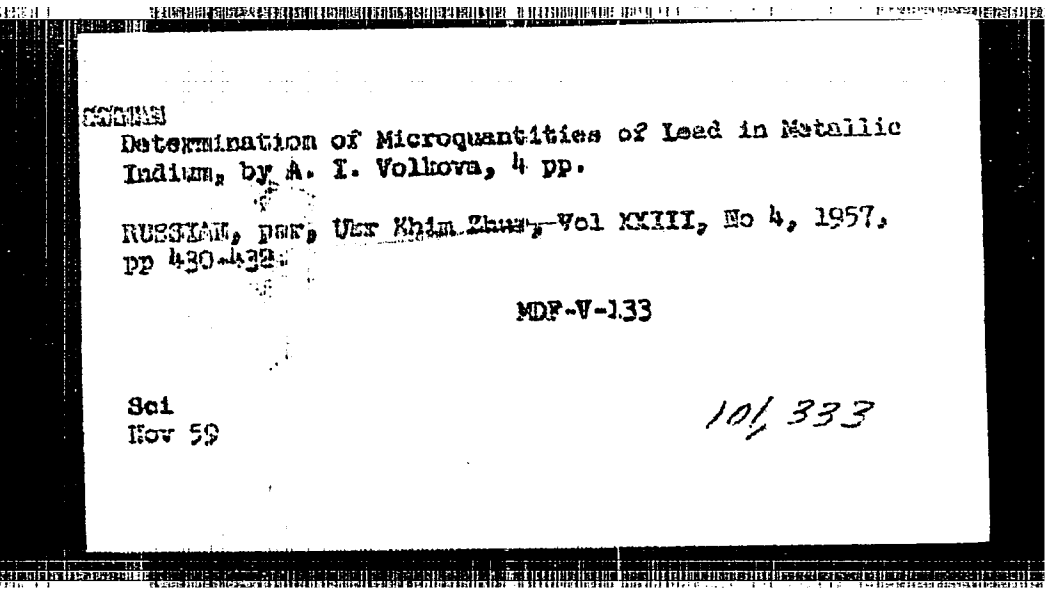

[redacted]
Determination of Microquantities of Lead in Metallic Indium, by A. I. Volkova, 4 pp.

RUSSIAN, per, Ukr Khim Zhur, Vol XXIII, No 4, 1957, pp 430-432.

MDF-V-133

Sci
Nov 59

101/333

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Activation Energy of Electrode Processes on XXX Porous Electrodes, by O. S. Ksenzhek, 6 pp.

RUSSIAN, per, Ukrain Khim Zhur, Vol XXXIX, 1957, pp 443-447. 93/0713

AEC-Tr-5803

Sci - Nucl Sci

Aug 63

341,330

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62-10606

Kretov, A. E.
ACYLATION OF N,N' DICHLORARYLSULFAMIDES AND ARYLSULFAMIDES BY MEANS OF ANHYDRIDES OF AROMATIC ACIDS. [1961] 5p. (2 tables omitted) 1 ref.
Order from OTS or SLA $1.10 62-10606

Trans. of Ukrain[skii] Khim[icheskii] Zhur[nal] (USSR) 1957, v. 23, no. 4, p. 493-495.

Portions of this report will not reproduce well.

DESCRIPTORS: *Sulfamide, *Acylation, Anhydrides, Acids, Synthesis, Aluminum compounds, Chlorides.

A series of acyl derivatives of arylsulfamides were synthesized by acting on arylsulfamides and N,N-dichlorarylsulfamides with anhydrides of aromatic acids, in contact with aluminum chloride. (Author)
Chemistry--Organic, TT, v. 7, no. 11)

I. Kretov, A. E.

Office of Technical Services

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890025-1

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890025-1

Polarographic Determination of Iodine and Bromine in Mineral Waters Using a Solid Anode, by N. S. Atamanenko, E. M. Skobets.

RUSSIAN, per, Ukrain Khim Zhur, Vol XXIII, No 6, 1957, pp 771-776.

ATS RJ-1994

Sci - Chem

Jan 60

105 683

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890025-1

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890025-1

Ravikovich, S. D. and Solomko, V. P.
STUDIES OF THE VISCOSITIES AND CRITICAL TEMPERATURES OF SOME DEUTERO COMPOUNDS AND THEIR SOLUTIONS. [1961] [8]p. 12 refs.
Order from OTS or SLA $1.10 61-27801

Trans. of Ukrain[skii] Khim[icheskii] Zhur[nal] (USSR) 1958, v. 24, no. 1, p. 7-12.

DESCRIPTORS: *Deuterated compounds, Water, Heavy water, Butanols, Acetic acid, Acids, Propanols, Viscosity, Temperature, Deuterium, Hydrogen, Liquids, Molecular structure, Physical properties.

The viscosity and critical temperatures of some deutero compounds were studied. Replacement of hydrogen by deuterium results in a decrease in the critical temperature and the viscosity of liquids. The previously proposed theorems on relation of viscosity to critical
(Chemistry--Physical, TT, v. 7, no. 5) (over)

61-27801

I. Ravikovich, S. D.
II. Solomko, V. P.
III. Translations, New York

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APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890025-1

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Krylova, N. I. and Nabiev, M. N.
THERMOGRAPHIC ANALYSIS OF THE SYSTEM NH_4NO_3-$Ca(NO_3)_2$.$4H_2O$
Bertha P. Klenova and Carol J. Cunningham, trs.
19 Sep 62, 14p 6refs [TVA] 4010.
Order from OTS, SLA, or ETC $1.60 TT-63-24286

Trans. of Uzbek[skii] Khim[icheskii] Zhur[nal] (USSR) 1958, no. 3, p. 5-17.

DESCRIPTORS: *Fertilizers, *Ammonium compounds, *Calcium compounds, *Nitrates, Hydrates, Phase studies, Calorimetry, *Thermochemistry.

(Chemistry--Physical, TT, v. 11, no. 5)

TT-63-24286

I. Krylova, N. I.
II. Nabiev, M. N.
III. TVA-4010
IV. Tennessee Valley Authority, Wilson Dam, Ala.

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The Role of the Oxygen in Vanadium Oxide Catalysts in Oxidations, by V. A. Roiter, et al.
UNCL

RUSSIAN, per, Ukrainskiy Khim Zhur, Vol XXIV, No 1, 1958, pp 37-45.

DSIR LLU RTS 1261

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Sci - Chem
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107/249

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890025-1

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The Oxidation of Methane, by Z. Z. Vysotskiy, M. V. Polyakov. UNCL

RUSSIAN, por, Ukrainskiy Khim Zhur, Vol XXIV, No 1, 1958, pp 46-54.

DSIR LLU RTS 1180

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Sci - Chem
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Investigation of the Influence of Potassium Tetraborate on the Oxidation of Methane, by V. I. Urizko, M. V. Polyakov. UNCL

RUSSIAN, per, Ukrainskiy Khim Zhur, Vol XXIV, No 2, 1958, pp 177-181.

DSIR LEU RT3 1181

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Sci - Chem
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A Study of the Effects of the Reactor Walls on the Oxidation of Methane, by T. P. Korolenko, M. V. Polyakov. UHCL
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RUSSIAN, per, Ukrainskiy Khim Zhur, Vol XXIV, No 2, 1958, pp 182-189.

DSIR LNW RTS 1182

Ll. Os. Od.

95,824

Sci - Chem
Sep 59

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890025-1

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890025-1

Investigation Into the Kinetics and Mechanisms of Oxidation of Methyl Alcohol in the Absence of a Catalyst, by S. M. Lous, M. V. Polyakov. UNCL.

RUSSIAN, per, Ukrainskiy Khim Zhur, Vol XXIV, No 2, 1958, pp 190-197.

DSIR LLU RTS 1183

Ll. Cs. Od. 95,825

Sci - Chem
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An Investigation of the Kinetics and Mechanism of Oxidation of Methyl Alcohol in the Presence of Platinum, by S. M. Loos, M. V. Polyakov.

RUSSIAN, per, Ukrain Khim Zhur, Vol XXIV, No 3, 1958, pp 305-311.

ATS RJ-1673
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90,849

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890025-1

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890025-1

An Investigation of the Transformation of Methanol into Formaldehyde in the Presence of a Silver Contact as Catalyst, by T. P. Kornienko, M. V. Polyakov.

RUSSIAN, per, Ukrain Khim Zhur, Vol XXIV, No 3, 1958, pp 312-319.

ATS RJ-1693

Sci - Chem

Jul 59

90,861

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890025-1

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